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PATENT & TRADEMARK OFFICE

ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1

Complete if Known	
Application Number	10/606684
Filing Date	June 26, 2003
First Named Inventor	Bernd Möller
Art Unit	~~2681~~ 2685
Examiner Name	~~Not Yet Assigned~~ C. HANNON
Attorney Docket Number	53807-00043USP1.001

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CH	AA	US-3,831,148	08-20-1974	Greenwald et al.	
	AB	US-5,771,240	06-23-1998	Tobin et al.	
	AC	US-5,937,366	08-10-1999	Zhytniewski et al.	
	AD	US-6,002,869	12-14-1999	Hinckley	
	AE	US-6,049,896	04-11-2000	Frank et al.	
	AF	US-6,105,154	08-15-2000	Wang et al.	
	AG	US-6,112,312	08-29-2000	Parker et al.	
	AH	US-2001/0015654 A1	08-23-2001	Habersetzer et al.	

FOREIGN PATENT DOCUMENTS

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CH	BA	EP-1 136 912 A2	09-26-2001	Agilent Technologies Inc.		
	BB	WO 01/51940 A1	07-19-2001	Parthus Technologies PLC		

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CH	CA	Sture E. International Search Report, November 25, 2003 (4 pages).	

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Attorney Docket Number	53807-00043USP1

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CH	AA	US-6052524	04-18-2000	Pauna	
	AB	US-6061709	05-09-2000	Bronte	
	AC	US-6269396 B1	07-31-2001	Shah et al.	
	AD	US-6279124 B1	08-21-2001	Brouwer et al.	
	AE	US-6353897 B1	03-05-2002	Nock et al.	
	AF	US-6389491 B1	05-14-2002	Jacobson et al.	
	AG	US-2002/0069065 A1	06-06-2002	Schmid et al.	

FOREIGN PATENT DOCUMENTS

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CH	BA	-WO 00/08611	02-17-2000	Forough Kashef		
	BB	-WO 02/054094 A1	07-11-2002	Mark R. Miller et al.		
	BC	-WO 02/27565 A1	04-04-2002	Sherry Solden et al.		
	BD	-WO 02/29824 A2	04-11-2002	Bosco Lai		

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CH	CA	Mapping Reqirements to Architecture: an Experience Report from the VIVIAN Project; Titos Saridakis; Nokia Research Center; In Proc. 14th International Conference on Software and Systems Engineering and their Applications; December 2001; Pages 1-6.	
CH	CB	Functionality Needed in Middleware for Future Mobile Computing Platforms by Kimmo Raatikainen; Nokia Research Center, Software Technology Laboratory; Middleware for Mobile Computing Workshop at IFIP/ACM Middleware Conference; Heidelberg Germany, 2001; 10 pages.	

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CH	A1	US-6,279,124	08-21-2001	Brouwer et al.	
	A2	US-6,353,897	03-05-2002	Nock et al.	
	A3	US-6,052,524	04-18-2000	Pauna	
	A4	US-6,061,709	05-09-2000	Bronte	
	A5	US-6,389,491	05-14-2002	Jacobson et al.	
	A6	US-6,269,396	07-31-2001	Shah et al.	
	A7	US 2002/0069065	06-06-2002	Schmid et al.	
	A8	US-3,831,148	08-20-1974	Greenwald et al.	
	A9	US-5,771,240	06-23-1998	Tobin et al.	
	A10	US-5,937,366	08-10-1999	Zhytniewski et al.	
	A11	US-6,002,869	12-14-1999	Hinckley	
	A12	US-6,049,896	04-11-2000	Frank et al.	
	A13	US-6,105,154	08-15-2000	Wang et al.	
	A14	US-6,112,312	08-29-2000	Parker et al.	
	A15	US-2001/0015654	08-23-2001	Habersetzer et al.	
	A16	US-10/359911			
	A17	US-10/665834			
	A18	US-10/666673			
	A19	US-10/666699			
	A20	US-10/359772			
	A21	US-10/664618			
	A22	US-6,317,659	11-13-2001	Lindsley et al.	
	A23	US 2002/0029378	03-07-2002	Larsson	
	A24	US-5,689,565	11-18-1997	Spies et al.	

FOREIGN PATENT DOCUMENTS

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CH	B1	WO 00/08611	02-17-2000	Forough Kashef et al		
	B2	WO 02/054094	07-11-2002	Mark R. Miller et al.		
	B3	WO 02/27565	04-04-2002	Sherry Solden et al.		
	B4	WO 02/29824	04-11-2002	Bosco Lai		
	B5	EP-1 136 912	09-26-2001	Lee A. Barford et al.		
	B6	WO 01/51940	07-19-2001	John Lee Barry et al.		
	B7	WO 97/16938	05-09-1997	Nokia Telecommunications OY		
	B8	EP1074911	02-07-2001	Gregor J. Kiczales et al.		
	B9	WO 01/88707	11-22-2001	Rahim Tafazolli et al.		
	B10	WO 01/14960	03-01-2001	Jean-Pierre Dalmasso		
	B11	WO 02/35351	05-02-2002	Morten Nielsen et al.		
	B12	WO 98/19239	05-07-1998	Christopher J. Thompson		
	B13	WO 02/33879	04-25-2002	Stefan Anderson		
	B14	WO 00/69084	11-16-2000	Morphics Technology Inc.		

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(Use as many sheets as necessary)				Examiner Name	~~Not Yet Assigned~~ C. HANNON
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	C1	Manuel Rodriguez-Martinez et al., "Automatic Deployment of Application-Specific Metadata and Code in MOCHA", Lecture Notes in Computer Science, March 31, 2000 (pgs. 69-85).	
	C2	N.J. Drew et al., "Reconfigurable Mobile Communications: Compelling Needs and Technologies to Support Reconfigurable Terminals", IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC. Wireless: Merging onto the Information Superhighway, vol. 1, September 18, 2000 (pgs. 484-489).	
	C3	Aspects & Crosscutting in Layered Middleware Systems by Lodewiik M.J. Bergmans et al.; Trese Group-Center for Telematics and Information Technology (CTIT); Pages 1-3.	
	C4	Supporting the Design of Adaptable Operating Systems Using Aspect-Oriented Frameworks by Paniti Netinant et al.; International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA 2000); Las Vegas, Nevada; June 26-29, 2000; 7 Pages.	
	C5	A Layered Approach to Building Open Aspect-Oriented Systems by Paniti netinant et al.; Communications of the AC; October 2001; Vol. 44, No. 10; Pages 83-85.	
	C6	Aspect-Oriented Programming by Silvia Breu; Pages 1-22.	
	C7	Draft: Aspect-Design in the Building-Block Method by Jurgen K. Muller; Philips Research Laboratories; International Workshop on Aspect-Oriented Programming at ECOOP, 1992; 3 Pages.	
	C8	A Version Model for Aspect Dependency Management by Elke Pulvermuller et al.; J. Bosh (Ed.): GCSE 2001, LNCS 2186, Springer-Verlag Berlin Heidelberg 2001, Pages 70-79.	
	C9	Can AOP Support Extensibility in Client-Serer Architectures? by Yvonne Coady et al.; European Conference on Object-Oriented Programming (ECOOP); Aspect-Oriented Workshop, June 2001; Pages 1-4.	
	C10	Mapping Requirements to Architecture: an Experience Report from the VIVIAN Project by Titos Saridakis; Proceedings of the 14th International Conference on Software and Systems Engineering and their Applications, December 2001; Pages 1-6.	
	C11	Functionality Needed in Middleware for Future Mobile Computing Platforms by Kimmo Raatikainen; Middleware for Mobile Computing Workshop held at IFIP/ACM Middleware Conference, Heidelberg, Germany, 2001; 10 Pages.	
	C12	Design and Implementation of Java Application Environment and Software Platform for Mobile Phones, by Kazutoshi Usui, Hiroyuki Tomimori, Junji Takagi, Tomohisa Tanaka and Yukikazu Nakamoto; XP-001092568; Special Issue on IMT2000 Mobile Communication System; October 2001; Pages 379-383.	
	C13	Container-Managed Messaging: An Architecture for Integrating Java Components and Message-Oriented Applications by Ignacio Silva-Lepe, Christopher Codella, Peter Niblett, Donald Ferguson, Proceedings of the 37th International Conference on Technology of Object-Oriented Languages and Systems (Tools-Pacific 2000), Sydney, NSW, Australia, November 20- 23, 2000; Pages 228-241.	
	C14	K. Moessner, et al., "Terminal Reconfigureability-The Optima Framework" 3G Mobile Communication Technologies, no. 477, XP002266662, March 26-28 2001, (pgs. 241-246).	

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CH	A1	10/359,835		Torbjörn Sölve et al.	

FOREIGN PATENT DOCUMENTS

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CH	A1	US-6,044,408	03-28-2000	Engstrom et al.
	A2	US-6,137,802	10-24-2000	Jones et al.

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CH	B1	WO 01/41393 A2	06-07-2001	Streaming21, Inc.	
	B2	WO 01/50282 A1	07-12-2001	Qualcomm Incorporated	
	B3	WO 00/72586 A2	11-30-2000	General Instrument Corporation	
	B4	WO 99/49394	09-30-1999	Microsoft Corporation	
	B5	EP 0902596 A2	03-17-1999	Siemens Aktiengesellschaft	
	B6	EP 1241905 A1	09-18-2002	Siemens Information and Communication Mobile LLC	

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CH	C1	Don Batory et al., " The Design and Implementation of Hierarchical Software Systems with Reusable Components" ACM Transactions on Software Engineering and Methodology, Association for Computing Machinery, New York, US, vol 1, no. 4, October 1, 1992, pages 355-398.	
CH	C2	Gabriele Goldacker et al., "Broadband-ISDN standardization - State of the art", Computer Standards and Interfaces, Elsevier Sequoia. Lausanne, CH, vol. 17, no. 1, 1995, pages 55-62.	

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CH	C15	K. Moessner, et al., "Terminal Reconfigureability-The Software Download Aspect", 3G Mobile Communication Technologies, Conference Publication, no. 471, XP002266663, (pgs. 326-330).	

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